

Ph.D Course Work Examinations, July-2023

EDUCATION

Course-I: Research Methodology and Statistics

Time: 3 Hours

Max. Marks: 70

Instruction: All sections are compulsory.

SECTION-A

I. Answer any five of the following Question in about one and half page each. 5x5 = 25

1. Explain the steps of case study with an illustration.
2. “Review of related literature in vitals at all stages of research” -Justify.
3. Explain any two future studies techniques.
4. Discuss the types of probability sampling.
5. Explain the various types of graphical representation of data.
6. explain the process of obtaining ISBN.
7. Discus the characteristics of a good research report.

SECTION –B

II. Answer any three of the following questions in about three pages each. 3 x 10 = 30

8. Discuss the components of a research proposal.
9. Discuss the primary and secondary sources for identification of related literature.
10. Explain the procedure of hypothesis in testing.
11. Find if there is significant difference in learning autonomy of male and female students from the given data.

Group	Mean	N	SD
Male	52	120	1.2
Female	45	150	1.5

12. Find if there is significant correlation between social maturity and adjustment from the given data.

Social Maturity	12	12	18	10	15
Adjustment	10	08	10	10	12

SECTION –C

III. Answer any one of the following questions in about four pages each. 1 x 15 =15.

13. Elucidate the construction and standardization of an attitude scale with an illustration.
14. Bring ort the meaning of the following:
 - a) Variables
 - b) Levels of significance
 - c) MANOVA
 - c) Path Analysis
 - e) Concept of probability
